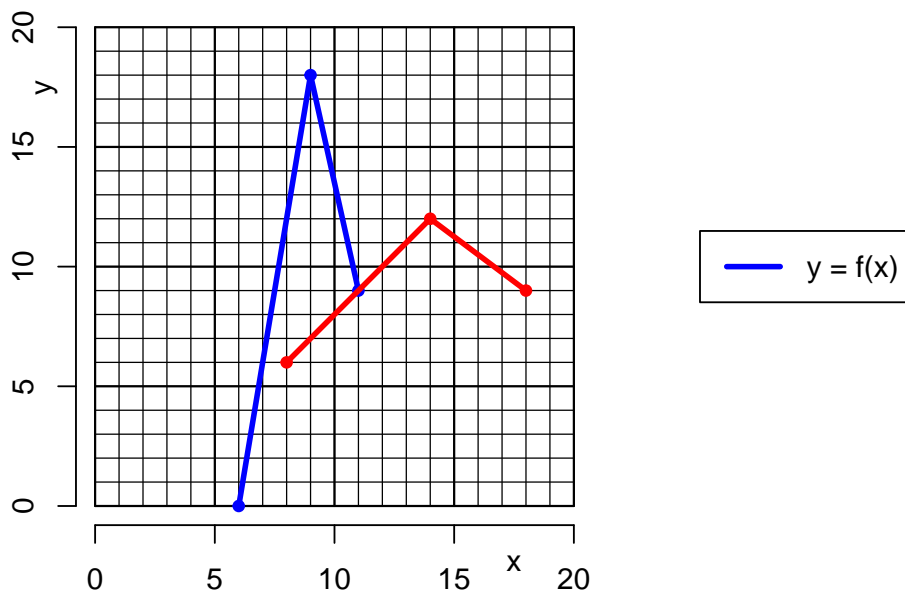# PCW_09_18 Find new points after transformation (version 36)

Question 1

Curve $y = f(x)$ contains points $(6, 0)$ and $(9, 18)$ and $(11, 9)$, as shown on the x-y plane below.
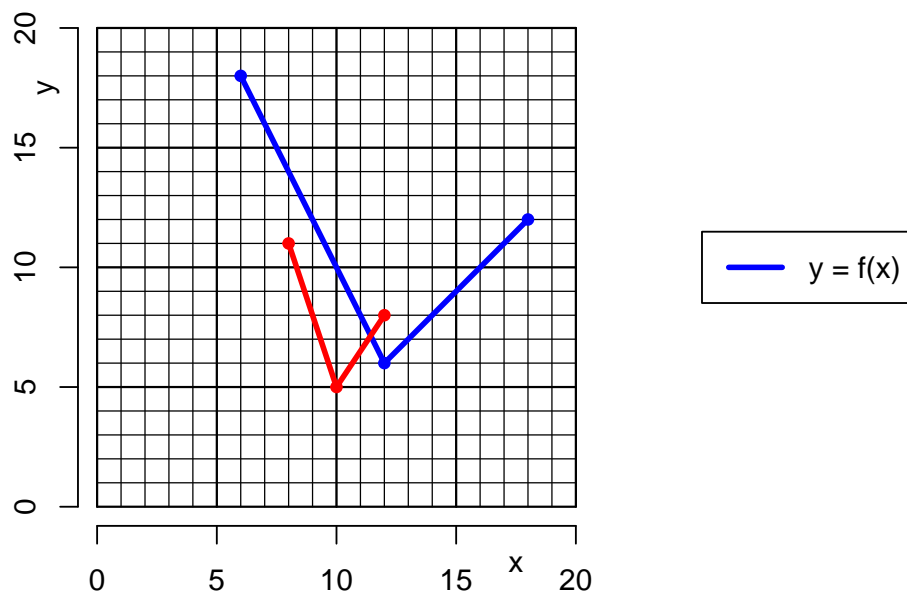

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x+4}{2}\right]}{3} + 6$$

Question 2

Curve $y = f(x)$ contains points $(6, 18)$ and $(12, 6)$ and $(18, 12)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3(x - 6)] + 4}{2}$$